

<110> Yue, Henry
Au-Young, Janice
Patterson, Chandra

<120> CELL JUNCTION PDZ PROTEIN

<130> PF-0599 US

<140> To Be Assigned
<141> Herewith

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<170> PERL Program

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<212> PRT
<213> Homo sapiens

<220> -
<223> 1974337

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35 40 45
Pro Val His Lys Leu Gln Ser Leu Lys Lys Val Leu Gln Ser Glu
50 55 60
Phe Cys Thr Ala Ile Arg Glu Val Tyr Gln Tyr Met His Glu Thr
65 70 75
Ile Thr Val Asn Gly Cys Pro Glu Phe Arg Ala Arg Ala Thr Ala
80 85 90
Lys Ala Thr Val Ala Ala Phe Ala Ala Ser Glu Gly His Ser His
95 100 105
Pro Arg Val Val Glu Leu Pro Lys Thr Asp Glu Gly Leu Gly Phe
110 115 120
Asn Val Met Gly Lys Glu Gln Asn Ser Pro Ile Tyr Ile Ser
125 130 135
Arg Ile Ile Pro Gly Gly Val Ala Glu Arg His Gly Gly Leu Lys
140 145 150
Arg Gly Asp Gln Leu Leu Ser Val Asn Gly Val Ser Val Glu Gly
155 160 165
Glu His His Glu Lys Ala Val Glu Leu Leu Lys Ala Ala Lys Asp
170 175 180
Ser Val Lys Leu Val Val Arg Tyr Thr Pro Lys Val Leu Glu Glu
185 190 195
Met Glu Ala Arg Phe Glu Lys Leu Arg Thr Ala Arg Arg Arg Gln
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Gln Gln Gln Leu Leu Ile Gln Gln Gln Gln Gln Gln Gln Gln
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Gln Thr Gln Gln Asn His Met Ser
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 <212> DNA
 <213> Homo sapiens

<220> -
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 <213> *Caenorhabditis elegans*

<220> -
 <223> g1685067

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 Lys Asp Gly Glu Val Val Arg Lys Asp Asp Leu Leu Val Asn Gln
 35 40 45
 Phe Lys Met Asn Tyr His Pro Gly Leu Asn Val Tyr Tyr Glu Asn
 50 55 60
 Asp Arg Gly Glu Arg Leu Leu Arg Ala His Cys Asp Gly Ile Val
 65 70 75
 Arg Ile Ser Gln Glu Lys Cys Asp Pro Asp Tyr Glu Ile Glu Glu
 80 85 90
 Met Lys Gly Tyr Glu Tyr Arg Lys Asp Val Asp Leu Tyr Lys Met
 95 100 105
 Thr Phe Asn Met Asp Asn Pro Asp Gly Pro Asn Leu Glu Arg Asp
 110 115 120

Val Gln Arg Ile Leu Glu Leu Met Glu His Val Gln Lys Thr Gly
125 130 135
Glu Val Asn Asn Ala Lys Leu Ala Ser Leu Gln Gln Val Leu Gln
140 145 150
Ser Glu Phe Phe Gly Ala Val Arg Glu Val Tyr Glu Thr Val Tyr
155 160 165
Glu Ser Ile Asp Ala Asp Thr Thr Pro Glu Ile Lys Ala Ala Ala
170 175 180
Thr Ala Lys Ala Thr Val Ala Ala Phe Ala Ala Ala Glu Gly His
185 190 195
Ala His Pro Arg Ile Val Glu Leu Pro Lys Thr Asp Gln Gly Leu
200 205 210
Gly Phe Asn Val Met Gly Gly Lys Glu Gln Asn Ser Pro Ile Tyr
215 220 225
Ile Ser Arg Ile Ile Pro Gly Gly Val Ala Asp Arg His Gly Gly
230 235 240
Leu Lys Arg Gly Asp Gln Leu Ile Ala Val Asn Gly Asn Val Glu
245 250 255
Ala Glu Cys His Glu Lys Ala Val Asp Leu Leu Lys Ser Ala Val
260 265 270
Gly Ser Val Lys Leu Val Ile Arg Tyr Met Pro Lys Leu Leu Asp
275 280 285
Glu Met Glu Arg Arg Phe Glu Arg Gln Arg Ile Pro
290 295